

Work Order ID 113228

February-12-14 9:01:56 AM

113228

Page 1

Item ID: D3537-1

Accept

N900040100

Setup Start

NS1

Revision ID:

Item Name: Wearpad

Stop

NS2

Start Date: 2/10/14 Start Qty: 40.00

40

Cust Item ID:

Required Date: 2/10/14 Req'd Qty: 40.00

40

Customer:

Reference:

Approvals: Process Plan: MLJDate: 14-02-14

Tooling:

Date: _____

Run Start

NR1

QC: _____

Date: _____

SPC (Y/N):

Date: _____

Stop

NR2

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
Draw Nbr	Revision Nbr								
D3537	Rev C								

100

0.00

100

FLOW WATER JET

Waterjet

Memo

0.00

FLOW CNC Waterjet

1-Cut as per Dwg D3537Dwg Rev: CProg Rev: C 2-Deburr

if necessary

40 0 Ae
02-27-14

110

QC2- Inspect parts off machine FAI/FAIB

0.00

110

QC

Memo

0.00

Quality Control

40 0 Ae
02-27-14

120

QC8- Inspect parts - second check

0.00

120

QC

Memo

0.00

Quality Control

DAS
27
9.69
14/2/2840
Colin

1

Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed:

Date:

Work Order update only

Work Order:				DISPOSITION		AGAINST DEPARTMENT/PROCESS					
				Rework <input type="checkbox"/>	Skid-tube <input type="checkbox"/>	Crosstube <input type="checkbox"/>	Water Jet <input type="checkbox"/>	Engineering <input type="checkbox"/>			
				Scrap <input type="checkbox"/>	Machining <input type="checkbox"/>	Small Fab <input type="checkbox"/>	Prod. Eng. Coor. <input type="checkbox"/>	Quality <input type="checkbox"/>			
				Use-as-is <input type="checkbox"/>	Thermoforming <input type="checkbox"/>	Finishing <input type="checkbox"/>	Rec/Store/Packaging <input type="checkbox"/>	Other <input type="checkbox"/>			
				Suspected Unapproved <input type="checkbox"/>	Large Fab <input type="checkbox"/>	Composite <input type="checkbox"/>	Supplier <input type="checkbox"/>				
Root Cause		Date	Step	Qty	Description of work order update or non-conformance	Initial Chief Eng	Action Description	Sign & Date	Verification	QC Inspector	
Design	<input type="checkbox"/>										
Doc/Data	<input type="checkbox"/>										
Equip/Tooling	<input type="checkbox"/>										
Handling/Pre	<input type="checkbox"/>										
Material	<input type="checkbox"/>										
Operator	<input type="checkbox"/>										
Offset/Setup	<input type="checkbox"/>										
Process	<input type="checkbox"/>										
Supplier	<input type="checkbox"/>										
Training	<input type="checkbox"/>										
Transport	<input type="checkbox"/>										
Unapproved	<input type="checkbox"/>										
FAULT CATEGORY											
Landing Gear				General							
<input type="checkbox"/> Bending <input type="checkbox"/> Centre Not Concentric <input type="checkbox"/> Cracks <input type="checkbox"/> Crimp/Kink/Ripple/Wave <input type="checkbox"/> Cuffs <input type="checkbox"/> Crushing <input type="checkbox"/> Heat Treat <input type="checkbox"/> Inspection Strip in Tube <input type="checkbox"/> Marks/Chatter <input type="checkbox"/> Turning Sequence <input type="checkbox"/> Wave/Twist in Tube				<input type="checkbox"/> Bend <input type="checkbox"/> BOM/Route <input type="checkbox"/> Broken/Damage/Defect <input type="checkbox"/> Burrs <input type="checkbox"/> Contamination <input type="checkbox"/> Countersink <input type="checkbox"/> Cut Too Short <input type="checkbox"/> Drawing <input type="checkbox"/> Drill Holes <input type="checkbox"/> Finish <input type="checkbox"/> Fit/Function							
				<input type="checkbox"/> Folio/Program <input type="checkbox"/> Grain <input type="checkbox"/> Hardware <input type="checkbox"/> Inspection Incomplete/Unqualified <input type="checkbox"/> Instructions Incomplete/Unclear <input type="checkbox"/> Misaligned/off center <input type="checkbox"/> Mislabeled <input type="checkbox"/> Misread <input type="checkbox"/> Off-set <input type="checkbox"/> Out of Calibration <input type="checkbox"/> Out of Sequence							
				<input type="checkbox"/> Outside Dimensions <input type="checkbox"/> Over/Under tolerance <input type="checkbox"/> Part Incorrect <input type="checkbox"/> Part Lost/Missing <input type="checkbox"/> Part Moved <input type="checkbox"/> Positioned Wrong <input type="checkbox"/> Power Loss/Surge							
				<input type="checkbox"/> Pressure/Forced <input type="checkbox"/> Set-up <input type="checkbox"/> Temperature/Cure <input type="checkbox"/> Weld <input type="checkbox"/> Wrong Stock Pulled							
				<input type="checkbox"/> Other							

Work Order ID 113228

February-12-14 9:01:56 AM

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Page 2

Item ID: D3537-1

Accept

N900040100

Setup

Start

NS1

Revision ID:

Item Name: Wearpad

Stop

NS2

Start Date: 2/10/14 Start Qty: 40.00

40

Cust Item ID:

Required Date: 2/10/14 Req'd Qty: 40.00

40

Customer:

Reference:

Approvals:

Process Plan:

Date:

Tooling:

Date:

Run

Start

NR1

QC:

Date:

SPC (Y/N):

Date:

Stop

NR2

Sequence ID/
Work Center ID

Operation
Description

Set Up/
Run Hours

Tool ID

Tool #

Plan
Code

Accept
Qty

Reject
Qty

Reject
Number

Insp.
Stamp

130

130

NC BRAKE

0.00

DAS
30
9-89

40

14-03-03

Brake NC

Memo

0.00

Brake NC

1-Form as per Dwg D3537 on CNC brake using Jigs DT 8261 and DT 8326.2-
Identify as D3537-1

140

140

Large Fab

0.00

40

14-03-00

Large Fab

Memo

0.00

M124172

M124172

Qty Description Batch A/R 2059B Hardcoat
1-Weld as per Dwg D3537 using Jig DT 82102-Remove any
weld that penetrated through Wearpadif necessary

150

150

QC10- Inspect visual per QSI004- ground welds

0.00

0.00

40

14-03-01

DAS

9

9-89

QC

Memo

Quality Control

DQA:

Date:



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed:

Date:

Work Order update only

Work Order: _____				DISPOSITION		AGAINST DEPARTMENT/PROCESS					
				Rework <input type="checkbox"/>	Skid-tube <input type="checkbox"/>	Crosstube <input type="checkbox"/>	Water Jet <input type="checkbox"/>	Engineering <input type="checkbox"/>			
				Scrap <input type="checkbox"/>	Machining <input type="checkbox"/>	Small Fab <input type="checkbox"/>	Prod. Eng. Coor. <input type="checkbox"/>	Quality <input type="checkbox"/>			
				Use-as-is <input type="checkbox"/>	Thermoforming <input type="checkbox"/>	Finishing <input type="checkbox"/>	Rec/Store/Packaging <input type="checkbox"/>	Other <input type="checkbox"/>			
				Suspected Unapproved <input type="checkbox"/>	Large Fab <input type="checkbox"/>	Composite <input type="checkbox"/>	Supplier <input type="checkbox"/>				
Root Cause	Date	Step	Qty	Description of work order update or non-conformance		Initial Chief Eng	Action Description	Sign & Date	Verification	QC Inspector	
Design											
Doc/Data											
Equip/Tooling											
Handling/Pre											
Material											
Operator											
Offset/Setup											
Process											
Supplier											
Training											
Transport											
Unapproved											
FAULT CATEGORY											
Landing Gear <input type="checkbox"/> Bending <input type="checkbox"/> Centre Not Concentric <input type="checkbox"/> Cracks <input type="checkbox"/> Crimp/Kink/Ripple/Wave <input type="checkbox"/> Cuffs <input type="checkbox"/> Crushing <input type="checkbox"/> Heat Treat <input type="checkbox"/> Inspection Strip in Tube <input type="checkbox"/> Marks/Chatter <input type="checkbox"/> Turning Sequence <input type="checkbox"/> Wave/Twist in Tube				General <input type="checkbox"/> Bend <input type="checkbox"/> BOM/Route <input type="checkbox"/> Broken/Damage/Defect <input type="checkbox"/> Burrs <input type="checkbox"/> Contamination <input type="checkbox"/> Countersink <input type="checkbox"/> Cut Too Short <input type="checkbox"/> Drawing <input type="checkbox"/> Drill Holes <input type="checkbox"/> Finish <input type="checkbox"/> Fit/Function		<input type="checkbox"/> Folio/Program <input type="checkbox"/> Grain <input type="checkbox"/> Hardware <input type="checkbox"/> Inspection Incomplete/Unqualified <input type="checkbox"/> Instructions Incomplete/Unclear <input type="checkbox"/> Misaligned/off center <input type="checkbox"/> Mislabeled <input type="checkbox"/> Misread <input type="checkbox"/> Off-set <input type="checkbox"/> Out of Calibration <input type="checkbox"/> Out of Sequence		<input type="checkbox"/> Outside Dimensions <input type="checkbox"/> Over/Under tolerance <input type="checkbox"/> Part Incorrect <input type="checkbox"/> Part Lost/Missing <input type="checkbox"/> Part Moved <input type="checkbox"/> Positioned Wrong <input type="checkbox"/> Power Loss/Surge <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>			

Work Order ID 113228

February-12-14 9:01:57 AM

113228

Page 3

Item ID: D3537-1

Accept

N900040100

Setup Start

NS1

Revision ID:

Item Name: Wearpad

Stop

NS2

Start Date: 2/10/14 **Start Qty:** 40.00

40

Cust Item ID:

Required Date: 2/10/14 **Req'd Qty:** 40.00

40

Customer:

Reference:

Approvals:

Process Plan: _____

Date: _____

Tooling: _____

Date: _____

Run Start

NR1

QC: _____

Date: _____

SPC (Y/N): _____

Date: _____

Stop

NR2

**Sequence ID/
Work Center ID**

**Operation
Description**

**Set Up/
Run Hours**

Tool ID

Tool #

**Plan
Code**

**Accept
Qty**

**Reject
Qty**

**Reject
Number**

**Insp.
Stamp**

160

QC5- Inspect part completeness to step on W/O

0.00

DAS

160

QC

Memo

0.00

(40) 14-03-01 9-89

Quality Control

170

Grey Sandtex(Ref:4.3.5.6) per QSI005 4.3

0.00

1125008

Memo

0.00

40 of 14-3-11 DAS 34 9-89

START TIME:

7:40

OPEN TEMPERATURE:

22

FINISH TIME:

8:10

180

QC3- Inspect Part Finish

0.00

DAS
27
9-89

180

QC

Memo

0.00

19/3/11

40 _____

Quality Control

DQA:

Date:



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed:

Date:

Work Order update only

Work Order: _____	DISPOSITION			AGAINST DEPARTMENT/PROCESS					
Part No. _____	Rework <input type="checkbox"/>	Skid-tube <input type="checkbox"/>	Crosstube <input type="checkbox"/>	Water Jet <input type="checkbox"/>	Engineering <input type="checkbox"/>				
NCR No. _____	Scrap <input type="checkbox"/>	Machining <input type="checkbox"/>	Small Fab <input type="checkbox"/>	Prod. Eng. Coor. <input type="checkbox"/>	Quality <input type="checkbox"/>				
	Use-as-is <input type="checkbox"/>	Thermoforming <input type="checkbox"/>	Finishing <input type="checkbox"/>	Rec/Store/Packaging <input type="checkbox"/>	Other <input type="checkbox"/>				
	Suspected Unapproved <input type="checkbox"/>	Large Fab <input type="checkbox"/>	Composite <input type="checkbox"/>	Supplier <input type="checkbox"/>					
Root Cause	Date	Step	Qty	Description of work order update or non-conformance	Initial Chief Eng	Action Description	Sign & Date	Verification	QC Inspector
Design									
Doc/Data									
Equip/Tooling									
Handling/Pre									
Material									
Operator									
Offset/Setup									
Process									
Supplier									
Training									
Transport									
Unapproved									
FAULT CATEGORY									
Landing Gear	Bending <input type="checkbox"/>	General			Folio/Program <input type="checkbox"/>	Outside Dimensions <input type="checkbox"/>	Pressure/Forced <input type="checkbox"/>		
	Centre Not Concentric <input type="checkbox"/>	Bend <input type="checkbox"/>	Grain <input type="checkbox"/>	Over/Under tolerance <input type="checkbox"/>	Set-up <input type="checkbox"/>				
	Cracks <input type="checkbox"/>	BOM/Route <input type="checkbox"/>	Hardware <input type="checkbox"/>	Part Incorrect <input type="checkbox"/>	Temperature/Cure <input type="checkbox"/>				
	Crimp/Kink/Ripple/Wave <input type="checkbox"/>	Broken/Damage/Defect <input type="checkbox"/>	Inspection Incomplete/Unqualified <input type="checkbox"/>	Part Lost/Missing <input type="checkbox"/>	Weld <input type="checkbox"/>				
	Cuffs <input type="checkbox"/>	Burrs <input type="checkbox"/>	Instructions Incomplete/Unclear <input type="checkbox"/>	Part Moved <input type="checkbox"/>	Wrong Stock Pulled <input type="checkbox"/>				
	Crushing <input type="checkbox"/>	Contamination <input type="checkbox"/>	Misaligned/off center <input type="checkbox"/>	Positioned Wrong <input type="checkbox"/>					
	Heat Treat <input type="checkbox"/>	Countersink <input type="checkbox"/>	Mislabeled <input type="checkbox"/>	Power Loss/Surge <input type="checkbox"/>	Other <input type="checkbox"/>				
	Inspection Strip in Tube <input type="checkbox"/>	Cut Too Short <input type="checkbox"/>	Misread <input type="checkbox"/>						
	Marks/Chatter <input type="checkbox"/>	Drawing <input type="checkbox"/>	Off-set <input type="checkbox"/>						
	Turning Sequence <input type="checkbox"/>	Drill Holes <input type="checkbox"/>	Out of Calibration <input type="checkbox"/>						
	Wave/Twist in Tube <input type="checkbox"/>	Finish <input type="checkbox"/>	Out of Sequence <input type="checkbox"/>						
		Fit/Function <input type="checkbox"/>							

Work Order ID 113228

February-12-14 9:01:57 AM

113228

Page 4

Item ID: D3537-1

Accept

N900040100

Setup Start

NS1

Revision ID:

Item Name: Wearpad

Stop

NS2

Start Date: 2/10/14 **Start Qty:** 40.00

40

Cust Item ID:

Required Date: 2/10/14 **Req'd Qty:** 40.00

40

Customer:

Reference:

Approvals:

Process Plan: _____

Date: _____

Tooling: _____

Date: _____

Run Start

NR1

QC: _____

Date: _____

SPC (Y/N): _____

Date: _____

Stop

NR2

**Sequence ID/
Work Center ID**

**Operation
Description**

190

Identify as per dwg & Stock Location: FP-601

**Set Up/
Run Hours**

Tool ID

Tool #

**Plan
Code**

**Accept
Qty**

**Reject
Qty**

**Reject
Number**

**Insp.
Stamp**

0.00

0.00

X40

0

21

16

3/11

190

Packaging

Packaging

200

QC21- Final Inspection - Work Order Release

0.00

MJS 14-03-11

200

QC

Quality Control

Memo

0.00

MM 14-03-11

DQA:

Date:



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed:

Date:

Work Order update only

Work Order: _____		DISPOSITION		AGAINST DEPARTMENT/PROCESS																																																																
		Rework <input type="checkbox"/>	Skid-tube <input type="checkbox"/>	Crosstube <input type="checkbox"/>	Water Jet <input type="checkbox"/>	Engineering <input type="checkbox"/>																																																														
		Scrap <input type="checkbox"/>	Machining <input type="checkbox"/>	Small Fab <input type="checkbox"/>	Prod. Eng. Coor. <input type="checkbox"/>	Quality <input type="checkbox"/>																																																														
		Use-as-is <input type="checkbox"/>	Thermoforming <input type="checkbox"/>	Finishing <input type="checkbox"/>	Rec/Store/Packaging <input type="checkbox"/>	Other <input type="checkbox"/>																																																														
		Suspected Unapproved <input type="checkbox"/>	Large Fab <input type="checkbox"/>	Composite <input type="checkbox"/>	Supplier <input type="checkbox"/>																																																															
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Training																																																																				
Transport																																																																				
Unapproved																																																																				
FAULT CATEGORY																																																																				
Landing Gear				<table border="0" style="width: 100%; border-collapse: collapse;"> <tr> <td colspan="4" style="text-align: center; padding: 5px;">General</td> </tr> <tr> <td style="vertical-align: top; padding: 5px;">Bending <input type="checkbox"/></td> <td style="vertical-align: top; padding: 5px;">Bend <input type="checkbox"/></td> <td style="vertical-align: top; padding: 5px;">Folio/Program <input type="checkbox"/></td> <td style="vertical-align: top; padding: 5px;">Outside Dimensions <input type="checkbox"/></td> </tr> <tr> <td style="vertical-align: top; padding: 5px;">Centre Not Concentric <input type="checkbox"/></td> <td style="vertical-align: top; padding: 5px;">BOM/Route <input type="checkbox"/></td> <td style="vertical-align: top; padding: 5px;">Grain <input type="checkbox"/></td> <td style="vertical-align: top; padding: 5px;">Over/Under tolerance <input type="checkbox"/></td> </tr> <tr> <td style="vertical-align: top; padding: 5px;">Cracks <input type="checkbox"/></td> <td style="vertical-align: top; padding: 5px;">Broken/Damage/Defect <input type="checkbox"/></td> <td style="vertical-align: top; padding: 5px;">Hardware <input type="checkbox"/></td> <td style="vertical-align: top; padding: 5px;">Part Incorrect <input type="checkbox"/></td> </tr> <tr> <td style="vertical-align: top; padding: 5px;">Crimp/Kink/Ripple/Wave <input type="checkbox"/></td> <td style="vertical-align: top; padding: 5px;">Burrs <input type="checkbox"/></td> <td style="vertical-align: top; padding: 5px;">Inspection Incomplete/Unqualified <input type="checkbox"/></td> <td style="vertical-align: top; padding: 5px;">Part Lost/Missing <input type="checkbox"/></td> </tr> <tr> <td style="vertical-align: top; padding: 5px;">Cuffs <input type="checkbox"/></td> <td style="vertical-align: top; padding: 5px;">Contamination <input type="checkbox"/></td> <td style="vertical-align: top; padding: 5px;">Instructions Incomplete/Unclear <input type="checkbox"/></td> <td style="vertical-align: top; padding: 5px;">Part Moved <input type="checkbox"/></td> </tr> <tr> <td style="vertical-align: top; padding: 5px;">Crushing <input type="checkbox"/></td> <td style="vertical-align: top; padding: 5px;">Countersink <input type="checkbox"/></td> <td style="vertical-align: top; padding: 5px;">Misaligned/off center <input type="checkbox"/></td> <td style="vertical-align: top; padding: 5px;">Positioned Wrong <input type="checkbox"/></td> </tr> <tr> <td style="vertical-align: top; padding: 5px;">Heat Treat <input type="checkbox"/></td> <td style="vertical-align: top; padding: 5px;">Cut Too Short <input type="checkbox"/></td> <td style="vertical-align: top; padding: 5px;">Mislabeled <input type="checkbox"/></td> <td style="vertical-align: top; padding: 5px;">Power Loss/Surge <input type="checkbox"/></td> </tr> <tr> <td style="vertical-align: top; padding: 5px;">Inspection Strip in Tube <input type="checkbox"/></td> <td style="vertical-align: top; padding: 5px;">Drawing <input type="checkbox"/></td> <td style="vertical-align: top; padding: 5px;">Misread <input type="checkbox"/></td> <td style="vertical-align: top; padding: 5px;">Other <input type="checkbox"/></td> </tr> <tr> <td style="vertical-align: top; padding: 5px;">Marks/Chatter <input type="checkbox"/></td> <td style="vertical-align: top; padding: 5px;">Drill Holes <input type="checkbox"/></td> <td style="vertical-align: top; padding: 5px;">Off-set <input type="checkbox"/></td> <td colspan="4"></td> </tr> <tr> <td style="vertical-align: top; padding: 5px;">Turning Sequence <input type="checkbox"/></td> <td style="vertical-align: top; padding: 5px;">Finish <input type="checkbox"/></td> <td style="vertical-align: top; padding: 5px;">Out of Calibration <input type="checkbox"/></td> <td colspan="4"></td> </tr> <tr> <td style="vertical-align: top; padding: 5px;">Wave/Twist in Tube <input type="checkbox"/></td> <td style="vertical-align: top; padding: 5px;">Fit/Function <input type="checkbox"/></td> <td style="vertical-align: top; padding: 5px;">Out of Sequence <input type="checkbox"/></td> <td colspan="4"></td> </tr> </table>								General				Bending <input type="checkbox"/>	Bend <input type="checkbox"/>	Folio/Program <input type="checkbox"/>	Outside Dimensions <input type="checkbox"/>	Centre Not Concentric <input type="checkbox"/>	BOM/Route <input type="checkbox"/>	Grain <input type="checkbox"/>	Over/Under tolerance <input type="checkbox"/>	Cracks <input type="checkbox"/>	Broken/Damage/Defect <input type="checkbox"/>	Hardware <input type="checkbox"/>	Part Incorrect <input type="checkbox"/>	Crimp/Kink/Ripple/Wave <input type="checkbox"/>	Burrs <input type="checkbox"/>	Inspection Incomplete/Unqualified <input type="checkbox"/>	Part Lost/Missing <input type="checkbox"/>	Cuffs <input type="checkbox"/>	Contamination <input type="checkbox"/>	Instructions Incomplete/Unclear <input type="checkbox"/>	Part Moved <input type="checkbox"/>	Crushing <input type="checkbox"/>	Countersink <input type="checkbox"/>	Misaligned/off center <input type="checkbox"/>	Positioned Wrong <input type="checkbox"/>	Heat Treat <input type="checkbox"/>	Cut Too Short <input type="checkbox"/>	Mislabeled <input type="checkbox"/>	Power Loss/Surge <input type="checkbox"/>	Inspection Strip in Tube <input type="checkbox"/>	Drawing <input type="checkbox"/>	Misread <input type="checkbox"/>	Other <input type="checkbox"/>	Marks/Chatter <input type="checkbox"/>	Drill Holes <input type="checkbox"/>	Off-set <input type="checkbox"/>					Turning Sequence <input type="checkbox"/>	Finish <input type="checkbox"/>	Out of Calibration <input type="checkbox"/>					Wave/Twist in Tube <input type="checkbox"/>	Fit/Function <input type="checkbox"/>	Out of Sequence <input type="checkbox"/>				
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Wave/Twist in Tube <input type="checkbox"/>	Fit/Function <input type="checkbox"/>	Out of Sequence <input type="checkbox"/>																																																																		

Picklist Print

Page 1

February-12-14 9:02:00 AM

Work Order ID: 113228

113228

Parent Item: D3537-1

D3537-1

Parent Item Name: Wearpad

Start Date: 2/10/14

Required Date: 2/10/14

Start Qty: 40.00

Required Qty: 40.00

Comments: IPP Rev:A New Issue 07-02-14 JLM

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
M304S16GA		Purchased	No			100	sf	253.3670	0.106	4.463156			

M304S16GA

304/316 Sheet .063

Location	Loc Qty	Loc Code
MAT020	253.367	
M126915	1.487	
M127821	144.63	
<u>M128054</u>	107.25	

**

Ac 02-27-14

128054 → 4.5

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed:

Date:

Work Order update only

Work Order update only				Work Order Update Form									
Work Order: _____ Part No. _____ NCR No. _____				DISPOSITION			AGAINST DEPARTMENT/PROCESS						
				Rework <input type="checkbox"/>	Skid-tube <input type="checkbox"/>	Crosstube <input type="checkbox"/>	Water Jet <input type="checkbox"/>	Engineering <input type="checkbox"/>					
				Scrap <input type="checkbox"/>	Machining <input type="checkbox"/>	Small Fab <input type="checkbox"/>	Prod. Eng. Coor. <input type="checkbox"/>	Quality <input type="checkbox"/>					
				Use-as-is <input type="checkbox"/>	Thermoforming <input type="checkbox"/>	Finishing <input type="checkbox"/>	Rec/Store/Packaging <input type="checkbox"/>	Other <input type="checkbox"/>					
				Suspected Unapproved <input type="checkbox"/>	Large Fab <input type="checkbox"/>	Composite <input type="checkbox"/>	Supplier <input type="checkbox"/>						
Root Cause		Date	Step	Qty	Description of work order update or non-conformance		Initial Chief Eng	Action Description	Sign & Date	Verification	QC Inspector		
Design	<input type="checkbox"/>												
Doc/Data	<input type="checkbox"/>												
Equip/Tooling	<input type="checkbox"/>												
Handling/Pre	<input type="checkbox"/>												
Material	<input type="checkbox"/>												
Operator	<input type="checkbox"/>												
Offset/Setup	<input type="checkbox"/>												
Process	<input type="checkbox"/>												
Supplier	<input type="checkbox"/>												
Training	<input type="checkbox"/>												
Transport	<input type="checkbox"/>												
Unapproved	<input type="checkbox"/>												
FAULT CATEGORY													
Landing Gear				General									
				Bending <input type="checkbox"/>	Bend <input type="checkbox"/>	Folio/Program <input type="checkbox"/>	Outside Dimensions <input type="checkbox"/>	Pressure/Forced <input type="checkbox"/>					
				Centre Not Concentric <input type="checkbox"/>	BOM/Route <input type="checkbox"/>	Grain <input type="checkbox"/>	Over/Under tolerance <input type="checkbox"/>	Set-up <input type="checkbox"/>					
				Cracks <input type="checkbox"/>	Broken/Damage/Defect <input type="checkbox"/>	Hardware <input type="checkbox"/>	Part Incorrect <input type="checkbox"/>	Temperature/Cure <input type="checkbox"/>					
				Crimp/Kink/Ripple/Wave <input type="checkbox"/>	Burrs <input type="checkbox"/>	Inspection Incomplete/Unqualified <input type="checkbox"/>	Part Lost/Missing <input type="checkbox"/>	Weld <input type="checkbox"/>					
				Cuffs <input type="checkbox"/>	Contamination <input type="checkbox"/>	Instructions Incomplete/Unclear <input type="checkbox"/>	Part Moved <input type="checkbox"/>	Wrong Stock Pulled <input type="checkbox"/>					
				Crushing <input type="checkbox"/>	Countersink <input type="checkbox"/>	Misaligned/off center <input type="checkbox"/>	Positioned Wrong <input type="checkbox"/>						
				Heat Treat <input type="checkbox"/>	Cut Too Short <input type="checkbox"/>	Mislabeled <input type="checkbox"/>	Power Loss/Surge <input type="checkbox"/>						
				Inspection Strip in Tube <input type="checkbox"/>	Drawing <input type="checkbox"/>	Misread <input type="checkbox"/>		Other <input type="checkbox"/>					
				Marks/Chatter <input type="checkbox"/>	Drill Holes <input type="checkbox"/>	Off-set <input type="checkbox"/>							
				Turning Sequence <input type="checkbox"/>	Finish <input type="checkbox"/>	Out of Calibration <input type="checkbox"/>							
				Wave/Twist in Tube <input type="checkbox"/>	Fit/Function <input type="checkbox"/>	Out of Sequence <input type="checkbox"/>							

DART AEROSPACE LTD	Work Order:	113228
Description: Wearpad	Part Number:	D3537-1
Inspection Dwg: D3537	Rev: C	Page 1 of 1

FIRST ARTICLE INSPECTION CHECKLIST

X First Article Prototype

DAS

Measured by:	<u>Ae</u>	Audited by:	<u>27</u> <small>9/23</small>	Prototype Approval:	N/A
Date:	<u>09-27-14</u>	Date:	<u>14/09/28</u>	Date:	N/A

Rev	Date	Change	Revised by	Approved
A	07.03.21	New Issue	KJ/JLM	
B	07.04.27	Dimensions revised per Dwg Rev. B	KJ/JLM	
C	07.05.28	Dimensions revised per Dwg Rev. C	KJ/JLM	<i>[Signature]</i> <i>[Signature]</i>

SHOP COPY

RETURN TO

ENGINEERING

UNCONTROLLED COPY

SUBJECT TO AMENDMENT

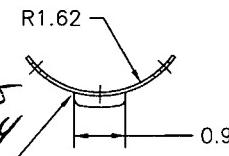
WITHOUT NOTICE

WORK ORDER

NO. 113228 MLS

140214

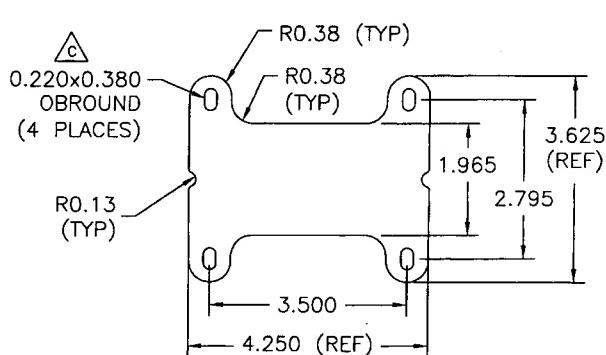
SECTION A-A



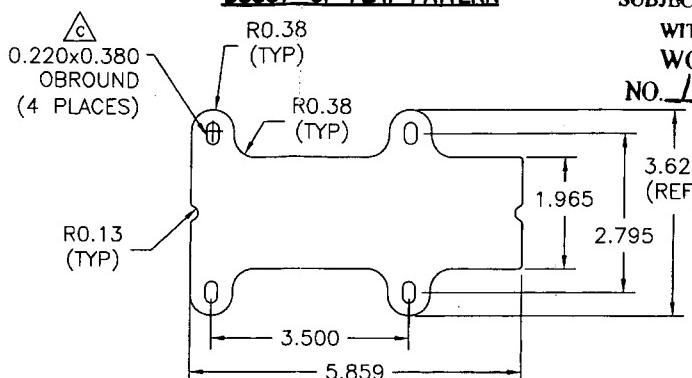
OK $\rho_{11.15}$

UNDER REVIEW
11074
Finish Change

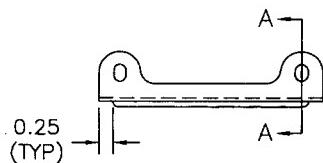
D3537-1F FLAT PATTERN



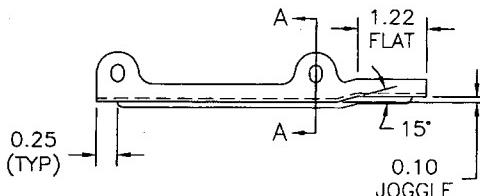
D3537-3F FLAT PATTERN



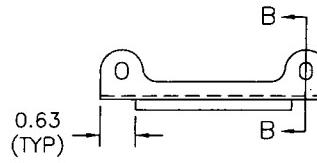
D3537-1 LONGITUDINAL BEND
(MADE FROM D3537-1F)



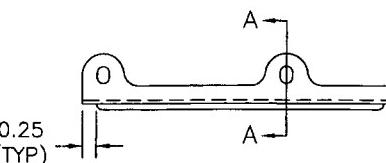
D3537-3 LONGITUDINAL BEND
(MADE FROM D3537-3F)



D3537-5 LONGITUDINAL BEND
(MADE FROM D3537-1F)



D3537-7 LONGITUDINAL BEND
(MADE FROM D3537-3F)



D3537-1/-3/-5/-7 WEARPAD NOTES

- 1) MATERIAL: AISI 304/316 SS SHEET PER AMS 5513 OR AMS 5524, 16 GAUGE (0.063 THICK)
(REF DART SPEC. M304S16GA)
- 2) BREAK ALL SHARP CORNERS 0.063 MAX
- 3) WELD PER QSI 004
- 4) FINISH: POWDER COAT GREY SANTEX (4.3.5.6) PER QSI 005 4.3
- 5) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED
- 6) ALL DIMENSIONS ARE IN INCHES

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DART AEROSPACE USA, INC.

C	07.04.13	WIDEN TAB TO 0.380, WELD PATTERN
B	07.03.20	ADD AMS 5513 AND AMS 5524
A	06.11.06	NEW ISSUE
DESIGN	DRAWN BY	DART DART AEROSPACE USA, INC. PORT HADLOCK, WA
CHECKED	APPROVED	DRAWING NO. D3537 REV. C SHEET 1 OF 1
DATE	TITLE	SCALE 07.04.13 WEARPAD 1:2